

Program Requirements Document Companywide	14.1 INSPECTION, TEST, AND OPERATING STATUS	Identifier: PRD-5085 Revision: 3 Page: 1 of 3
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Manual: 13A—Quality and Requirements
Management Program Documents

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1. PURPOSE

This Program Requirements Document (PRD) identifies requirements and responsibilities associated with the use of *status indicators* (see def.) to prevent inadvertent installation, use or operation of *items* (see def.). See Appendix A for requirements basis.

2. APPLICABILITY

This PRD applies to company organizations involved in controlling the *inspection* (see def.), *test* (see defs.), and operating status of items during receipt inspection, construction, fabrication, operation, maintenance, and decommissioning phases of facilities for which the company has responsibility.

3. RESPONSIBILITIES

3.1 Quality Assurance Organization

The quality assurance organization is responsible for establishing and maintaining a system for identifying the quality status of items, which encompasses, but is not limited to, *acceptance* (see def.), *rejection* (see def.), hold for inspection, and conditional use.

3.2 Operations Organizations

The operations organizations are responsible for establishing and maintaining a system to control equipment and system operational status and equipment lock-out and tag-out.

3.3 Organizations Performing Inspection, Test, or Operating Activities

Organizations that perform inspections, tests, or operating activities are responsible for complying with the status indicator requirements described in this document and procedures that implement these requirements.

3.4 Research and Development Organizations

Research and Development organizations are responsible for establishing and maintaining a system to control equipment and system operational status and equipment lockout and tagout.

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4. REQUIREMENTS

4.1 Companywide Applications

The requirements identified in this subsection (4.1) apply to the entire company unless exempted by INT-17, QA PRD Introduction, Subsection 2.

4.1.1 Basic

- 4.1.1.1 The status of inspection and test activities shall be identified either on the items or in documents traceable to the items where it is necessary to assure that required inspections and tests are performed, and to assure that items which have not passed the required inspections and tests are not inadvertently installed, used, or operated. *[NQA-1-1997, Requirement 14, 100 1s; DOE/RW-0333P 14.2.1.A, 14.2.2.A, and 14.2.2.B]*

4.1.2 Identification Methods

- 4.1.2.1 The identification methods shall preclude the inadvertent installation, use, or operation of items that have not passed required inspections and tests. *[DOE/RW-0333P 14.2.1.B]*

4.1.3 Identification of Status

- 4.1.3.1 Status shall be maintained through the use of legible and easily recognizable status indicators, such as physical location and tags, shop travelers, stamps, inspection or test records, or other suitable means. *[NQA-1-1997, Requirement 14, 100 2s; DOE/RW-0333P 14.2.2.C]*
- 4.1.3.2 Status indicators shall also provide for indicating the operating status of systems and components, such as by tagging valves and switches, to prevent inadvertent operation or changes in operating status. *[NQA-1-1997, Requirement 14, 100 4s; DOE/RW-0333P 14.2.2.E]*

4.1.4 Authority

- 4.1.4.1 The authority for application and removal of tags, markings, labels, and stamps shall be specified. *[NQA-1-1997, Requirement 14, 100 3s; DOE/RW-0333P 14.2.2.D]*

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4.1.5 Records

- 4.1.5.1 All records designated in implementing documents as *quality assurance records* (see def.) shall be controlled in accordance with PRD-5088, 17.1 Quality Assurance Records. [Summary of records requirements from NQA-1-1997, DOE/RW-0333P, and Company Imposed Requirements]

5. DEFINITIONS

Refer to LST-199, Definitions, in the QA PRD Manual for the definitions of the following terms:

acceptance

inspection

item

quality assurance records

rejection

status indicator

test

6. REFERENCES

ASME NQA-1-1997, Quality Assurance Requirements for Nuclear Facility Applications

DOE/RW-0333P, Office of Civilian Radioactive Waste Management, Quality Assurance Requirements and Description, Revision 10

7. APPENDICES

Appendix A, 14.1 Basis

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APPENDIX A

14.1 Basis

Source	Citation	Requirement	Comments
ASME NQA-1-1997, Quality Assurance Requirements for Nuclear Facility Applications, Requirement 14	100 1s	4.1.1.1	Consensus Requirement (CR)
NQA-1-1997, Requirement 14	100 2s	4.1.3.1	CR
NQA-1-1997, Requirement 14	100 3s	4.1.4.1	CR
NQA-1-1997, Requirement 14	100 4s	4.1.3.2	CR
DOE/RW-0333P, Office of Civilian Radioactive Waste Management Program, Quality Assurance Requirements and Description, Revision 10	14.2.1.A, 14.2.2.A, and 14.2.2.B	4.1.1.1	CR
DOE/RW-0333P	14.2.1.B	4.1.2.1	CR
DOE/RW-0333P	14.2.2.C	4.1.3.1	CR
DOE/RW-0333P	14.2.2.E	4.1.3.2	CR
DOE/RW-0333P	14.2.2.D	4.1.4.1	CR
PRD-5088, 17.1 Quality Assurance Records	All	4.1.5.1	Summary of records requirements from NQA-1-1997, DOE/RW-0333P, and Company Imposed Requirements